Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

AMILO Xi 2428

X-treme multimedia x-perience

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Do you need a computer that offers you the comfort of a desktop PC but also gives you the opportunity to go wherever you want? Then have a closer look on the AMILO Xi 2428, the mobile alternative for your multimedia needs.

Get in touch with your friends spread around the globe via video telephony due to the integrated webcam and the integrated microphone. You just need to plug in your AMILO Xi 2428 wired or wireless to a good Internet connection. Watch your favorite DVD on the big screen in your living room or enjoy the new album of your favorite artist that you bought yesterday, while waiting for your best friend to go out.
You want to join a LAN party with your gaming community? The AMILO Xi 2428 is easily packed in most notebook bags due to its standard form factor of 15.4-inch. Go to the LAN party, connect it to the network, step into the game and reach the high-score.

The AMILO Xi 2428 is fully prepared for any kind of entertainment and multimedia. You will never miss your bulky PC again.

Features

- Latest Intel® Centrino® processor technology with Intel® Core™ 2 Duo processor up to T9300
- NVIDIA® GeForce® 8600M GS with 256 MB dedicated video RAM supporting HDMI and VGA interface
- Enjoy your favorite Hollywood blockbuster on an external display via HDMI (HDCP support)
- Enjoy the comfort of the multimedia LightTouch™ bar and the integrated remote control
- 15.4-inch widescreen LCD display with BrilliantView technology for vivid colors, amazing sharpness and impressive contrast
- Integrated webcam (1.3 mega pixels) and built-in array microphone are perfect for Internet telephony (VoIP) and video chats
- Enjoy your music collection in high quality with the integrated speaker
- Charge your external devices via an USB port with charge functionality, also if the notebook is switched off
- Up to 4 GB memory for quick response times and optional with Intel® Turbo memory that makes your notebook even quicker
- Ultimate storage capacity of up to 320 GB for all your pictures, music and videos
- Best working conditions due to silent mode functionality and remote control with integrated infrared port (CIR)
- Bluetooth® 2.0 for cordless connectivity to your mobile phone, headset, etc.
- Windows Vista® Home Premium and Application Software

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Operating system
Windows Vista® Home Premium

Fujitsu Siemens Computers recommends
Windows Vista® Home Premium

Optional Application Software
Microsoft® Works
Vista DVD Playback Pack
Nero 7 Essentials CD/DVD write software
Adobe Reader
CyberLink Power DV (webcam software)
Norton Internet Security 2007
Country specific Internet Service Providers

Fujitsu Siemens Computers Recovery Program
Backup and restore the original status of the hard disk and create system restore disks

or individual recovery media on CD or DVD are included

Manuals
Manual (on hard disk), quick start guide, safety guide, warranty guide, recovery guide

Drivers
Updates downloadable at
http://www.fujitsu-siemens.com

System, processor, architecture
Chipset: Intel 965PM+ICH8-M
CPU: Intel® Core™ 2 Duo processor
T7100 (1.8 GHz, 800 MHz FSB, 2 MB L2 cache)
T7300 (2.0 GHz, 800 MHz FSB, 4 MB L2 cache)
T7500 (2.2 GHz, 800 MHz FSB, 4 MB L2 cache)
T7700 (2.4 GHz, 800 MHz FSB, 4 MB L2 cache)
T8100 (2.1 GHz, 800 MHz FSB, 3 MB L2 cache)
T8300 (2.4 GHz, 800 MHz FSB, 3 MB L2 cache)
T9300 (2.5 GHz, 800 MHz FSB, 6 MB L2 cache)

Memory
2 SO-DIMM memory slots (no memory on board)
512, 1024 or 2048 MB DDR2 (667 MHz) module
Up to 4 GB system memory possible[1]

Turbo Memory (ooptional)
Intel® Turbo Memory (1 GB)

Storage devices/drives
HDD (SATA / 5400 rpm / 8 MB cache):
120, 160, 200, 250 or 320 GB storage capacity

ODD:
Super Multi format DVD burner with double layer (DL) support
Read speed: CD-ROM 24x, DVD-ROM 8x
Write speed: CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x, DVD-RW 6x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x, DVD-RAM 5x

Display
15.4” LCD WXGA display with BrilliantView technology
Resolution (physic.): 1280 x 800

Compliance with standards
ISO 13406-2 class II

ACPI functions
S1 LCD off
S3 save to RAM
S4 save to disk
S5 complete off
Silent Mode

Graphics
NVIDIA® GeForce® 8600M GS with
256 MB DDR2 dedicated video RAM and up to 1535 MB total video memory supported by TurboCache™ technology [2] (HDMI and VGA interface)
(Benchmark: 3D Mark 2006: up to 2200 points)

MXM-II technology:
High performance ultra-threaded 3D graphics engine;
Advanced Shader Model 3.0 support, for realistic mobile gaming;
Pure Video™ Video Engine, for superior quality pictures and videos;
NVIDIA® PowerMizer® 6.0 for extended battery life

I/O Interfaces
1x HDMI (version 1.2b, incl. HDCP), 1x VGA,
1x S-Video out, 1x IEEE1394, 1x CIR
1x eSATA
3x USB 2.0 ports (1x USB with charge functionality),
1x modem, 1x LAN, 1x WLAN, 1x BT
1x ExpressCard slot (34/54 mm)
1x headphone-out combined with S/PDIF
1x microphone-in
1x line-in
1x power supply
1x 5-in-1 card reader SD/MS/MMC/MSpro/xD-picture card

Communications
Built-in 56 K, V.92 fax modem
10/100/1000 Mbps LAN
Integrated Bluetooth® 2.0
Integrated Wireless LAN (WLAN) solution 802.11a/b/g/n:
- Intel® PRO/Wireless 4965 AGN
- speeds up to 270 Mbps (5x faster than a/g)
- industry standard wireless LAN security support
- Intel® Intelligent Scanning Technology for optimal power management

For use in BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY, NL

Audio
Support of HD audio for S/PDIF output with up to 7.1 channels (up to 24 bit /192 kHz),
2 built-in high-quality stereo speakers (2 x 2 W);
built-in array microphone, microphone-in, stereo line-in, headphone-out shared with S/PDIF support;
1x volume regulator
(integrated in multimedia LightTouch™ bar)

Webcam
1.3 Mpixel, auto focus, automatic brightness adjustment with status LED (on/off/busy)

Launch Keys
Multimedia LightTouch™ bar with 8 Launch Keys located on top of the keyboard enabling the user to launch the following applications:
- Multimedia buttons (rewind, play, forward, stop, mute, Volume up/down)
- Windows Vista® media player
- Silent Mode (reduce noise level / fan speed, by reducing the CPU performance, office applications, Internet and DVD playback are not affected)

Hot Keys
The following hot keys or key combinations are available:
Fn-F3 Mute
Fn-F4 Decrease speaker volume
Fn-F5 Increase speaker volume
Fn-F6 Touchpad on/off
Fn-F7 Webcam on / off
Fn-F8 Decrease display brightness
Fn-F9 Increase display brightness
Fn-F10 Switch display internal
Fn-F12 Sleep

Pointing device & control buttons
Touchpad with left and right mouse button
Touchpad disable functionality (Fn-F6)
Power button / lid switch

Status indicator
The notebook has 9 status icons:
Caps lock
Num lock
Scroll lock
Media activity (ODD/HDD)
Power status
Battery status (charging / full / low)
Suspend
Touchpad disable
RF on/off

Security
Supervisor password
Kensington Lock

Power system
Li-Ion battery: 6 cells, 11.1 V / 2200 mAh
approximately 2h battery runtime, depending on usage[3]
Dynamic charge supported
ACPI 2.0 supported
External universal AC adapter: 100 - 240 V AC, 50 – 60 Hz
Output: 90W with 20 V DC, 4.5 A

Dimensions and weight
Dimensions (H x W x D): ~24 - 37.2 x 360 x 272 mm
Weight: 3.0 kg[4]

Operating conditions
Operational: 5°C to 35°C (ambient temperature)
10 % to 90 % relative humidity, non-condensing
AC input: 100 – 240 V, 50 – 60 Hz

Certifications
CE Marking
R&TTE (WLAN, Bluetooth)
GOST

Accessories (included)
Protection bag for notebook (incl. space for AC adapter)
26 key Vista remote control (size of ExpressCard, shipped in slot)
AC adapter (90 W)
Main battery (6 cells)

Warranty
Country specific terms

1) If 4 GB RAM is preinstalled, up to 1 GB cannot be used for application if running with a 32-bit operating system.
2) The total of local and shared system memory used by the GPU.
Local graphic on-board memory is 256 MB VRAM
Shared video memory size may vary depending on configuration. Used video memory size depends on Microsoft® Windows Vista® memory management.
- 1024 MB system memory enables up to 511 MB static and shared memory.
- 2048 MB system memory enables up to 1023 MB static and shared memory.
- 3072 MB system memory enables up to 1535 MB static and shared memory.
- 4096 MB system memory enables up to 1535 MB static and shared memory.
3) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook.
4) Weight may vary depending on actual configuration

The configuration described in this document is generic only and non-binding. For the exact configuration of your AMILO, please contact your licensed dealer.

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